International application No.

PCT/JP2004/011419

	<u> </u>	PCT/JP	2004/011419 .			
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ B60C11/04, 11/13						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SE						
Minimum docum Int.Cl	mentation searched (classification system followed by cl B60C11/04, 11/13	assification symbols)				
Jitsuyo Kokai J		roku Jitsuyo Shinan Koho tsuyo Shinan Toroku Koho	1994-2004 1996-2004			
C. DOCUMEN	NTS CONSIDERED TO BË RELEVANT					
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.			
× O	JP 2002-219908 A (Bridgeston 06 August, 2002 (06.08.02), Claims; Par. Nos. [0073], [00 (Family: none)	·				
х ②	JP 63-068406 A (Bridgestone 28 March, 1988 (28.03.88), Page 4, lower right column; t (Family: none)	_	2			
а ③	JP 11-208213 A (The Ohtsu Ti Co., Ltd.), 03 August, 1999 (03.08.99), Full text; Figs. 1 to 2 (Family: none)	re & Rubber	2			
Further documents are listed in the continuation of Box C. See patent family annex.						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		"T" later document published after the introduce and not in conflict with the applic the principle or theory underlying the i "X" document of particular relevance; the considered novel or cannot be consistep when the document is taken alone "Y" document of particular relevance; the consistence is the consistence of particular relevance; the consistence of particular relevance of part	ation but cited to understand nvention claimed invention cannot be dered to involve an inventive			
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family				
Date of the actual completion of the international search 02 November, 2004 (02.11.04)		Date of mailing of the international sear 22 November, 2004				
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer				
Facsimile No.		Telephone No.				

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C (Continuation)	DOCUMENTS CONSIDERED TO BE RELEVANT	P2004/011419
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A (4)	JP 10-297219 A (Bridgestone Corp.), 10 November, 1998 (10.11.98), Full text; Figs. 1 to 12 & EP 875403 A2	1,3
A (5)	JP 10-297220 A (Bridgestone Corp.), 10 November, 1998 (10.11.98), Full text; Figs. 1 to 12 (Family: none)	1,3
A (6)	<pre>JP 2002-002222 A (Bridgestone Corp.), 08 January, 2002 (08.01.02), Full text; Figs. 1 to 9 (Family: none)</pre>	1,3
А (1)	<pre>JP 2002-211212 A (The Yokohama Rubber Co., Ltd.), 31 July, 2002 (31.07.02), Full text; Figs. 1 to 2 (Family: none)</pre>	1,3
A 🛞	JP 2003-118317 A (The Yokohama Rubber	1,3
	Co., Ltd.), 23 April, 2003 (23.04.03), Full text; Figs. 1 to 8 (Family: none)	
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PCT/ISA/210	(continuation of second sheet) (January 2004)	

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Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
1. Claims	al search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: Nos.: e they relate to subject matter not required to be searched by this Authority, namely:
2. Claims because extent t	Nos.: they relate to parts of the international application that do not comply with the prescribed requirements to such an that no meaningful international search can be carried out, specifically:
3. Claims because	Nos.: they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
The inv grooves, standard load is in claim	ention of claim 1 is "a pneumatic tire having four circumferential where the tire is installed on a normal rim in accordance with a and contact pressure distribution under a normal pressure and 100% ndividually specified," and this technical content is included also 3.
2. As all seany addi 3. As only	equired additional search fees were timely paid by the applicant, this international search report covers all searchable archable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of tional fee. some of the required additional search fees were timely paid by the applicant, this international search report covers see claims for which fees were paid, specifically claims Nos.:
4. No requ	ired additional search fees were timely paid by the applicant. Consequently, this international search report is d to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Prote	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

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Continuation of Box No.III of continuation of first sheet(2)

The invention of claim 2 is "a pneumatic tire having totally four circumferential grooves composed of two inner grooves in the tire width direction and two outer grooves in the tire width direction, where a groove angle of the inner grooves in the tire width direction is not less than 10 degrees and less than 20 degrees, and a groove angle of the outer grooves in the tire width direction is not less than minus 10 degrees and less than 20 degrees."

Form PCT/ISA/210 (extra sheet) (January 2004)

22.11.2004

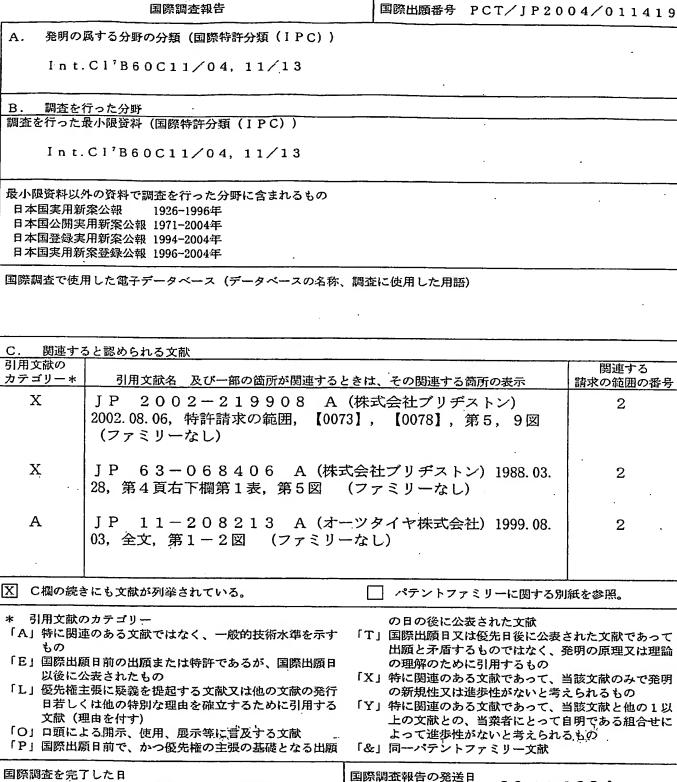
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特許庁審査官(権限のある職員)

有田 恭子

電話番号 03-3581-1101 内線 3430



様式PCT/ISA/210(第2ページ)(2004年1月)

国際調査機関の名称及びあて先

日本国特許庁(ISA/JP)

郵便番号100-8915 東京都千代田区霞が関三丁目4番3号

02.11.2004

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国際出願番号 PCT/JP2004/011419

- ((*)	88°T-1-7'1-57.1-3-1-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
C (続き). 引用文献の	関連すると認められる文献	関連する・
カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	請求の範囲の番号
A	JP 10-297219 A (株式会社ブリヂストン) 1998.11. 10,全文,第1-12図 & EP 875403 A2	1, 3
A	JP 10-297220 A (株式会社ブリヂストン) 1998.11. 10,全文,第1-12図 (ファミリーなし)	1, 3
Α .	JP 2002-002222 A (株式会社ブリヂストン) 2002.01.08,全文,第1-9図 (ファミリーなし)	1, 3
Α	JP 2002-211212 A (横浜ゴム株式会社) 2002.07. 31,全文,第1-2図 (ファミリーなし)	1, 3
Α	JP 2003-118317 A (横浜ゴム株式会社) 2003.04. 23,全文,第1-8図 (ファミリーなし)	1, 3
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国際出願番号 PCT/JP2004/011419

第11個 請求の範囲の一部の調査ができないときの意見 (第1ページの2の続き) 法第8条第3項 (PCT17条(2)(a)) の規定により、この国際調査報告は次の理由により請求の範囲の一部について作成しなかった。
1. □ 請求の範囲 は、この国際調査機関が調査をすることを要しない対象に係るものである。 つまり、
2. 計求の範囲 は、有意義な国際調査をすることができる程度まで所定の要件を満たしていない国際出願の部分に係るものである。つまり、
3. □ 請求の範囲は、従属請求の範囲であってPCT規則6.4(a)の第2文及び第3文の規定に 従って記載されていない。
第Ⅲ欄 発明の単一性が欠如しているときの意見 (第1ページの3の続き)
次に述べるようにこの国際出願に二以上の発明があるとこの国際調査機関は認めた。
請求の範囲第1項に係る発明は、
「周方向に4本の溝を有する空気タイヤにおいて、規格に適合した正規リムに装着し、正規内圧、100%荷重における接地圧力分布を個々に特定した空気入りタイヤ」であり、請求の範囲第3項にも、上記技術内容が含まれている。
請求の範囲第2項に係る発明は、 「タイヤ幅方向内側溝2本とタイヤ幅方向外側溝2本の合計4本の溝を周方向に有する空気 タイヤにおいて、タイヤ幅方向内側溝の溝角度が10度以上20度未満であり、タイヤ幅方 向外側溝の溝角度が一10度以上20度未満である空気入りタイヤ」である。
1. X 出願人が必要な追加調査手数料をすべて期間内に納付したので、この国際調査報告は、すべての調査可能な請求 の範囲について作成した。
2. □ 追加調査手数料を要求するまでもなく、すべての調査可能な請求の範囲について調査することができたので、追加調査手数料の納付を求めなかった。
3. 出願人が必要な追加調査手發料を一部のみしか期間内に納付しなかったので、この国際調査報告は、手数料の納付のあった次の請求の範囲のみについて作成した。
4-【、出願人が必要な追加調査手数料を期間内に納付しなかったので、この国際調査報告は、請求の範囲の最初に記載されている発明に係る次の請求の範囲について作成した。
追加調査手数料の異議の申立てに関する注意
Test Countries 1 William 11 Course Manager 1 Debter 1 Test Course